

Specialists in Arthritis Care & Research

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June 6, 2006

Josephine Pascual Information Specialist Darby & Darby P.C. 805 Third Avenue New York, NY 10022

Dear Ms Pascual:

Thank you for your inquiry about the mail date for the September 1999 supplement to Arthritis & Rheumatism.

The mail date of this issue (volume 42, issue 9, supplement) was September 30, 1999. The page numbers were S1-S474.

The information regarding the mail date of this publication was furnished by Cadmus Journal Services, and we believe it to be reliable. At this time, however, The American College of Rheumatology makes no representation or warranty to its accuracy or completeness.

Sincerely,

Jane Diamond Managing Editor

## Frankfort, Howard

From:

Pascual, Josephine

Sent:

Tuesday, June 06, 2006 4:20 PM

To:

Frankfort, Howard

Subject: FW: DATE of Publication

Just in case you need a electronic copy.

----Original Message----

From: Jane Diamond [mailto:]Diamond@rheumatology.org]

Sent: Tuesday, June 06, 2006 4:13 PM

To: Pascual, Josephine

Subject: RE: DATE of Publication

Jane Diamond, Managing Editor
Arthritis & Rheumatism
1800 Century Place, Suite 250
Atlanta, GA 30345
Phone (404) 633-3777
Fax (404) 329-7335

-----Original Message-

From: Pascual, Josephine [mailto:JPascual@Darbylaw.com]

Sent: Tuesday, June 06, 2006 2:33 PM

To: Jane Diamond

Subject: RE: DATE of Publication

Hi Jane,

Would it be possible to get this on a formal letter head? Please see the attachment above, this is an example it does not need to be exact, but something similar would be great. We need the letter to hand to the USPTO examiner.

Please let me know.

Regards,

Josephine Pascual Information Specialist Darby & Darby P.C. 805 Third Avenue New York, NY 10022

212.836.3745 | Direct 212.527.7701 | Fax

http://www.darbylaw.com

-----Original Message-----

From: Jane Diamond [mailto:JDiamond@rheumatology.org]

Sent: Tuesday, June 06, 2006 2:20 PM

To: Pascual, Josephine

Subject: RE: DATE of Publication

It was mailed on September 30, 1999.

Jane Diamond, Managing Editor Arthritis & Rheumatism 1800 Century Place, Suite 250 Atlanta, GA 30345 Phone (404) 633-3777 Fax (404) 329-7335

----Original Message----

From: Pascual, Josephine [mailto:JPascual@Darbylaw.com]

Sent: Tuesday, June 06, 2006 2:18 PM

To: Jane Diamond

Subject: DATE of Publication

Hi Jane,

Please let me know the date the journal I am inquiring was mailed to your subscribers, "Arthritis and Rheumatism 42 (9 Suppl): pS233 Sept. 1999[Pascual, Josephine]

Thanks very much for you assistance.

Josephine Pascual Information Specialist Darby & Darby P.C. 805 Third Avenue New York, NY 10022

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973\*

GENETIC VARIATION IN APOUTOPROTEIN II (B2-CLYCOPROTEIN I) AFFECTS THE OCCUR-BERCE OF ANTIPPOSPHOLIFID ANTIBODIES AND APOUTOPROTEIN II CONCENTRATIONS IN SYSTEMIC LUPUS ENTHEMATOSUS, M BYAN KAMDON, SEAM MADIA, Heider Mehdi, Shuley Regerald, Dharambir K Sanghera, Lowis H Kuller, Christophor B Aston Pitchunga, PA

Apoliporourin H (apoli, protein; APOH, gene) is a coquired cofactor for the production of artiphospholipid antibodies (APA). In this study we have examined whether protein variation in the APOH gene affects variation in this study we have examined whether protein variation in the APOH gene affects variation in the for systemate input crystemations (SLE), occurrence of another-photalpid antibodies (APA), and plasma spot concentrations. A total of 222 white ES source were secreted for but APOH polymorphisms (notices 88, 347, 306, and 316) by polymerase chain reaction, and for plasma apoli concentrations by EUSA. Of these, 65 (29.3%) seer positive for APA (APA-positive group). None of the four APOH polymorphisms were dignificantly associated with variation in risk for SLE. The codems 306 and 316 polymorphisms into well significantly associated with variation in risk for SLE. The codems 306 and 316 polymorphisms into well significantly acceptancy of the codema variation in apoli concentrations. Plasma apoli concentrations (p. 40,0001) and explained spot and 13%, respectively, of the creations variation in apoli concentrations. Plasma apoli concentrations were significantly higher to-patients positive for APA thum in parients origitive for APA (18.5±0.5 mg/d) vs. 17.±0.3 mg/d; p=0.02. The distribution of the Trp316Ser polymorphism significantly different between the APA-positive mad APA-opositive group in the APA-positive group in the APA-positive group (5.1% vs. 12.1%; p=0.04), indicating that the Sec316 mutation is protective satisfies the production of apoli-dependent APA. Our data Indicate that common genetic variation is the APOH gene is a significant determinant of plasma apoH variation in SLE patients, and the trp316Ser polymorphism appears to provide protection against the production of APA in SLE patients.

nisclosure; work reported in this abstract was supported by:

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THE GENETIC CONTRIBUTION TO RAYNAUD'S PHENOMENON: A FOPULATION-BASED TWIN STUDY, A J. MacGregor, L. K. Cherkus, L. Carter, C. M. Black, T. D. Spector London, United Kingdom

STIDY. A J MacGregor, I. K. Chericas, I. Carter, C. M. Black, T. D. Spectur London, United Kingdom Objective: To species the reliative contribution of generic and environmental factors in Raymand's phenomenon (RF) by examining he distribution in monographic (MZ) and diargorite (DZ) rotus association in a population sample. Methods A two-gauge strategy was used to assess the occurrence of RP. First, questionnaires were nailed to a sample of 3,652 individuals comprising 911 MZ and 915 DZ pairs from a national twin register to document the prevalence of digital cultur changes, All werk fortisk female twin pairs between the ages of 30 and 60 years. Sectond, a representative sample of respondents was butter-level and examinated by a nurse incirclogial experienced in the suscement of RP. Physiological digital cooling and rewarning responder were assessed thermographically in these subjects using a smedard cold challenge test.

Results: Questionnaire responses were obtained from a meal of 702 MZ, and 727 DZ pairs (response rus 8385). Among these, the providence of RP (defined as a history of two-or more digital "color changes including which was 11%. The case-wise "abscredume for RP was similar can be foliabled from RZ when compared with DZ twins (MZ: 38%; DZ: 18M p < 0.01), equivalent to a herhalbility of 15 for RP of 55% (95% C) 4 (1%, 68%). A total of 165 pairs were assessed by cold challenge. A generator of HP of 55% (95% C) 4 (1%, 68%). A total of 165 pairs were assessed by cold challenge. A generator (H=4%) and (C) may of rewarning (H=32%).

Conclusion: This is the first study to second the genetic bash of RP in the population. The findings show conclusively that chere is a substantial genetic countribution both to the symptoms of RP and to the associated vascular, changes,

Disclosure: work reported in this abstract was supported by:

974

DO RADIOGRAPHIC PATTERNS OF HIP OA INPLIENCE THE GENETIC PREDISPOSITION IN FAMILY MEMBERS! P Langer, S Dobetty, K Mult, M Dobetty Notingham, United Kingdom

977

AN HYDROPHOBIC SEQUENCE AT POSITIONS 513-316 (LEU-AU-PIO-Trp) IN THE FUTH DOMAIN OF APOLIPOPROTEIN B (B2-GLYCOPROTEIN B) IS CRUTICAL FOR CARDIOLIPIN BINDING. Malder Medical, Arms Narrel M Brast Kajuboh Pilisburgh, PA

JOURNAL: Arthritis and Rheumatism 42 (9 SUPPL.): p\$233 Sept., 1999 1999 MEDIUM: print

CONFERENCE/MEETING: 63rd Annual Scientific Meeting of the American College of Rheumatology and the 34th Annual Scientific Meeting of the Association of Rheumatology Health Professionals Boston, Massachusetts, USA November

13-17, 1999; 19991113 ISSN: 0004-3591

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agelbodies in tily occurring he binding of the binding of the binding of squence lo its whiten a I mutant type ad by capture don of rapoli cant and wild mutata types ty, Phe3156es couls of spoil

There was no correlation between patterns of migration to affected sibilings and index cases. Conclusions the genetic influence on definite hip OA is significantly access: in families school the states, case has no osteophyte compared to annea 1-7 (\$2.0.019). Funerus of femoral head migration do not breed true, suggesting that whilst the tendency to develop hip OA is under strong genetic influence, interaction between genetic and coverences or mechanical factors may be more important in determining the specific phenotype.

Disclosures work reported in this abstract was supported by:

975

AN ALTERED NUCLEOTIDE SEQUENCE IN THE IMMEDIATE PROMOTER REGION OF CD40 LIGAND IS ASSOCIATED WITH RHELIMATOID ARTHRITIS. YELLA I, GUARGEORG SUN, MAY K

CD40 ligand (CD40L) is a glycoprotein expressed on the surface of activated CD4-positive T cells. Intersections between CD40L and CD40 result in 8 cell proliferation, intermological production, and monocyte and dendritic cell activation, which are features observed in autoingnune disease such as recursored arthritis CPA. To explore the critical role of CD40L in RA, we have analyzed the 7 Bucking sequence of CD40L. An absence nucleotide sequence in the isometises promocer region of the CD40L gene segment has been identified. This alteration is characterized by a substantion of a cytosine (C) for an adenine (A) at position -125. We have servened for the alteration among genomic DR4s isotored from RA synarial those samples by nested PcR using specific disparates the princes. The alterated sequence has been observed in more than 30% of RA patients with a brean observed in the term of RA patients will also an adenine of the promoter studied of with type and altered promoter segments using a lacificrase reporter gene exist. Our data thou for the term of the result of th

Disclosure: work reported in this abstract was supported by: Dr. Crow is a subject signor in a clinical trial of anti-CD40 lighted mean-closel andbody.

Disclosure for temporard to

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A CENOMB SCAN IN A MURBNE MODEL OF REGUMATOID ARTHRITIS LOCALIZES LOCI ASSOCIATED WITH DIFFERENT TRAITS AND GENETIC BACKGROUNDS. Jeffrey M Otto, Kabalia Mikeca, Alison Flanegraf, Edit I Buzzs, Gabricila Co-82abo, Jill T Enders, Tibor T Clant Chicago, IL

supported by:

Protenglycandaduced arthritis (PCIA) is a murine model for rheumsteld arthritis (RA) both is berms of its pathology and his geneticle. PCIA can only be induced in susceptible murine strains and their PI progray. As with BA, the genetics are complete and recessive, constituing both MRC and con-MRC related components. We report here the genome wide screening for arthritis susceptible (RALSA) and CSH/MCC) and not-susceptible (DRA/Z, and CSH/MCC) and not-susceptible (DRA/Z, and SCSH/M) extrained of mice. These different groups (a=144; RAJB/x X CSH/HA,p=46; RALB/x X CSH/ (both hetero and muo), soluble cd44, interieukins 1 and 4, interieurs, antigen stimulation of T-onits and T ceit proliferation. None of these markers demonstrated a statistical linkage with PGIA. However, there were marker differences not only between articles and non articles individuals. However, there were macker differents not only between arthible and non arthible individuals, but sits between the different genetic backgrounds. For instance, all mice of the BALB/C X C3H/NoC/cross possessed aumounibodies with an arthritis incidence of 56%. This was unexpected as both strains are susceptible to FGIA. In contrast with mice of the C3H Background, the other two crosses had lower suscentibody levels (42% of the C5FBI/C background and 35% of the DBA/Z background) and a lower arthritis incidence(27% and 33% respectively). Additionary, we found a strong correlation (p <0.0001, corr= 0.739) between associated by and hero-antibody levels in arthritis mice. Using these different crosses and the different blockgrounds as well as with the different partition of the properties of the different partition of the different strains we trake different this we traked in PGIA. different trates we tracked in PGIA.

Disclosure work reported in this abstract was supported by:

Atty Docket No.: 05983/100G123-US52

Inventor: Mary K. Crow

Appln: 10/088,319-Conf.

Filed:

Sep. 18, 2002

Title: ALTERED NUCLEOTIDE SEQUENCE IN CD40 LIGAND

PROMOTER

Documents:

Certificate of Express Mailing (1 page) One Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page)

Response to Restriction Requirement (with Traverse) (5 pages)

w/Exhibit 1 (4 pp)

Fee Transmittal Sheet (1 pg); Fee Summary Sheet (1 pg) Check No.: 12143 in the amount of \$60.00

Via: Express Mail &V 8 3 4 7 3 5 7 3 1 18 Sender Initials: HMF/rek Date: July 5, 2006

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